Form 3160-3 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR RUBEAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

BUREAU OF LAND M	ANAGEMENT	5. Lease Serial No. UTU0132568A			
6 APPLICATION FOR PERMIT T	O DRILL OR REENTER	6. If Indian, Allottee or Tribe			
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, UTU63047A	Name and No.		
1b. Type of Well: ☐ Oil Well 🔀 Gas Well 🔲 Oth	er 🔀 Single Zone 🔲 Mul	8. Lease Name and Well No. NBU 1022-30C			
2 Name of Operator Contact:	SHEILA UPCHEGO E-Mail: supchego@kmg.com		047-35858-00-X1		
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094	10. Field and Pool, or Explor NATURAL BUTTES	atory		
4. Location of Well (Report location clearly and in accordan	ace with any State requirements.*)	11. Sec., T., R., M., or Blk. a	nd Survey or Area		
	9.92455 N Lat, 109.48422 W Lon	Sec 30 T10S R22E N SME: BLM	ler SLB		
14. Distance in miles and direction from nearest town or post of 30.95 MILES SOUTHEAST OF OURAY, UTAH	ffice*	12. County or Parish UINTAH	13. State UT		
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated t	o this well		
lease line, ft. (Also to nearest drig. unit line, if any) 948'	560.00	40.00			
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on	file		
completed, applied for, on this lease, ft.  REFER TO TOPO C	8700 MD				
21. Elevations (Show whether DF, KB, RT, GL, etc. 5314 GL	22. Approximate date work will start	23. Estimated duration	23. Estimated duration		
	24. Attachments				
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be	e attached to this form:			
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of</li> </ol>	4. Bond to cove Item 20 abov em Lands, the 5. Operator cer	er the operations unless covered by an existing e). iffication the specific information and/or plans as may be a specific information and be a spe			
25. Signature (Electronic Submission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435	.781.7024	Date 07/28/2004		
Title OPERATIONS					
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) HOWARD B CLEAVINGER II		Date 01/24/2005		
Title					

#### Additional Operator Remarks (see next page)

Electronic Submission #33707 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY LP, sent to the Vernal Committed to AFMSS for processing by LESLIE WALKER on 07/29/2004 (04LW4504AE)

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### Revisions to Operator-Submitted EC Data for APD #33707

#### **Operator Submitted**

Lease:

UTU-0132568-A

Agreement:

NATURAL BUTTES

Operator:

WESTPORT OIL & GAS COMPANY L.P.

1368 SOUTH 1200 EAST VERNAL, UT 84078 Ph: 435.781.7024 Fx: 435.781.7094

**Admin Contact:** 

SHEILA UPCHEGO OPERATIONS 1368 SOUTH 1200 EAST VERNAL, UT 84078 Ph: 435.781.7024 Fx: 435.781.7094

E-Mail: supchego@westportresourcescorp.com

**Tech Contact:** 

SHEILA UPCHEGO REGULATORY ANALYST 1368 SOUTH 1200 EAST VERNAL, UT 84078

Well Name: Number: NBU 1022-30C

Location:

State:

County: S/T/R: Surf Loc:

UINTAH Sec 30 T10S R22E Mer SLB NENW 948FNL 1653FWL

Field/Pool:

**NATURAL BUTTES** 

Bond:

CO-1203

#### **BLM Revised (AFMSS)**

UTU0132568A

UTU63047A

WESTPORT OIL & GAS COMPANY LP

1368 SOUTH 1200 EAST VERNAL, UT 84078 Ph: 435 789 4433 Fx: 435 789 4436

SHEILA UPCHEGO OPERATIONS 1368 SOUTH 1200 EAST VERNAL, UT 84078 Ph: 435.781.7024 Fx: 435.781.7094 Cell: 435.823.4039 E-Mail: supchero@kmg.cc

E-Mail: supchego@kmg.com

SHEILA UPCHEGO OPERATIONS 1368 SOUTH 1200 EAST VERNAL, UT 84078

NBU 1022-30C

UT

UINTAH Sec 30 T10S R22E Mer SLB

NENW 948FNL 1653FWL 39.92455 N Lat, 109.48422 W Lon

**NATURAL BUTTES** 

COAs Page 1 of 3 Well No.: NBU 1022-30C

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Westport Oil & Gas Company
Well Name & Number:	NBU 1022-30C
API Number:	43-047-35858
Lease Number:	UTU - 0132568-A
Location: <u>NENW</u> S	ec. <u>30</u> TWN: <u>10S</u> RNG: <u>22E</u>
Agreement:	Natural Buttes WS MV

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 3 Well No.: NBU 1022-30C

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease, which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### **DRILLING PROGRAM**

#### 1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at  $\pm$  1,780 ft.

COAs Page 3 of 3 Well No.: NBU 1022-30C

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- An approved paleontologist must be onsite during construction of the well pad, road, and reserve pit.
- Do not construct the loop road.
- The seed mix for this location shall be:

Wyoming big sageArtemisia tridentata1 lbs./acreShadscaleAtriplex confertifolia4 lbs./acreGalleta grassHilaria jamesii3 lbs./acreGlobemallowSphaeralcea coccinea4 lbs./acre

All pounds are in pure live seed.

Reseeding may be required if first seeding is not successful.

- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Form 3160-3 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

001

#### APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-0132568-A

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name NATURAL BUTTES	and No.
1b. Type of Well: ☐ Oil Well    Gas Well ☐ Oth	ner ⊠ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. NBU 1022-30C	
2. Name of Operator Contact:	SHEILA UPCHEGO E-Mail: supchego@westportresourcescorp.com	9. API Well No. 43-047-35	858
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094	10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accorda	nce with any State requirements.*)	11. Sec., T., R., M., or Blk. and Sur	rvey or Area
	629595× 39.92445	Sec 30 T10S R22E Mer S	I R
At surface NENW 948FNL 1653FWL	111202122 100 118352	Sec 30 1 103 RZZE Mei 31	LD
At proposed prod. zone	44202634 -109.48352		
14. Distance in miles and direction from nearest town or post 30.95 MILES SOUTHEAST OF OURAY, UTAH	office*	12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated to this	well
lease line, ft. (Also to nearest drig. unit line, if any) 948'	560.00	40.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	
completed, applied for, on this lease, ft.	8700 MD	CO-1203	
REFÊR TO TOPO C		00-1203	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5314 GL	22. Approximate date work will start	23. Estimated duration	
	24. Attachments		
	D 1. 1 1000 1111 1110		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
   A Drilling Plan.
   A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
  - Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submissional La /	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024	Date 07/28/2004
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)  RRADI FY G HILL	Date 08-10-04
Title	Office NVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify the applicant holds legal or equi operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

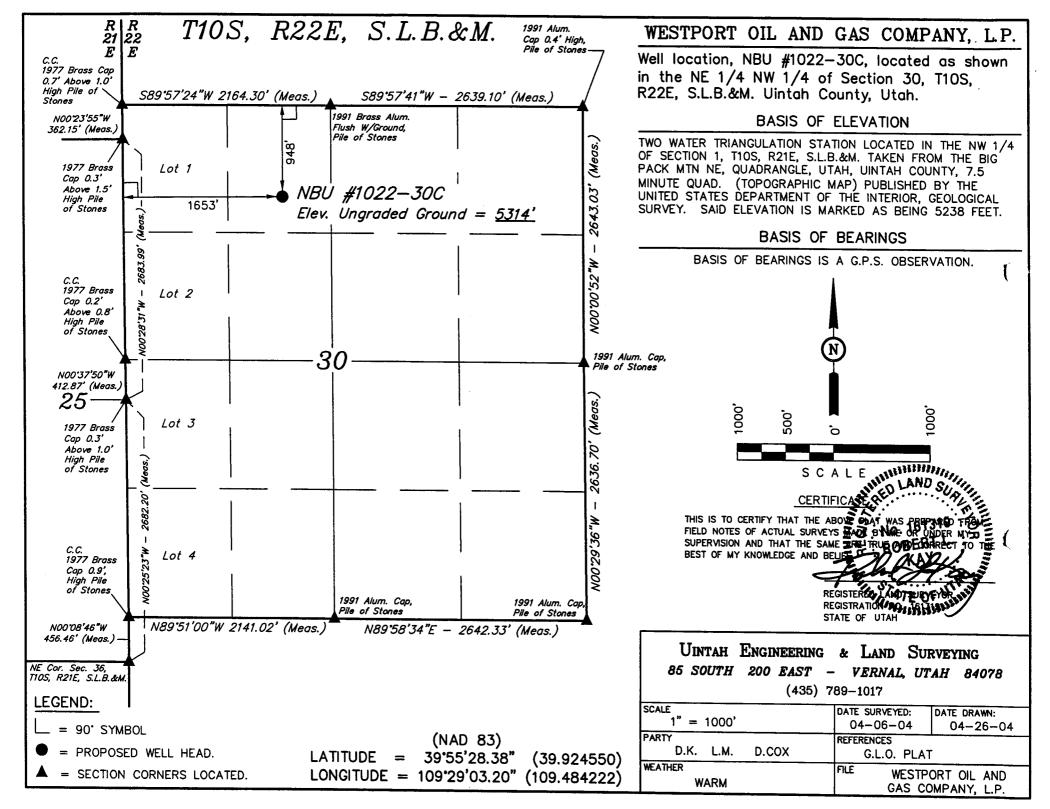
Additional Operator Remarks (see next page)

Electronic Submission #33707 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY L.P., sent to the Vernal CEIVED

Federal Approval of this Action is Necessary

AUG 0 3 2004

DIV. OF OIL, GAS & MINING



#### NBU #1022-30C NE/NW Sec. 30,T10S,R22E UINTAH COUNTY, UTAH UTU-0132568-A

#### **ONSHORE ORDER NO. 1**

#### DRILLING PROGRAM

#### 1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1025'
Wasatch	4125'
Mesaverde	6625'
TD	8,700'

#### 2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<b>Formation</b>	<u>Depth</u>
	Green River	1025'
Gas	Wasatch	4125'
Gas	Mesaverde	6625'
Water	N/A	
Other Minerals	N/A	

#### 3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

#### 4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

#### 5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

#### 6. <u>Evaluation Program</u>:

Please see the Natural Buttes Unit SOP.

#### 7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8,700' TD, approximately equals 3480 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1566 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

#### 8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

#### 9. Variances:

Please see Natural Buttes Unit SOP.

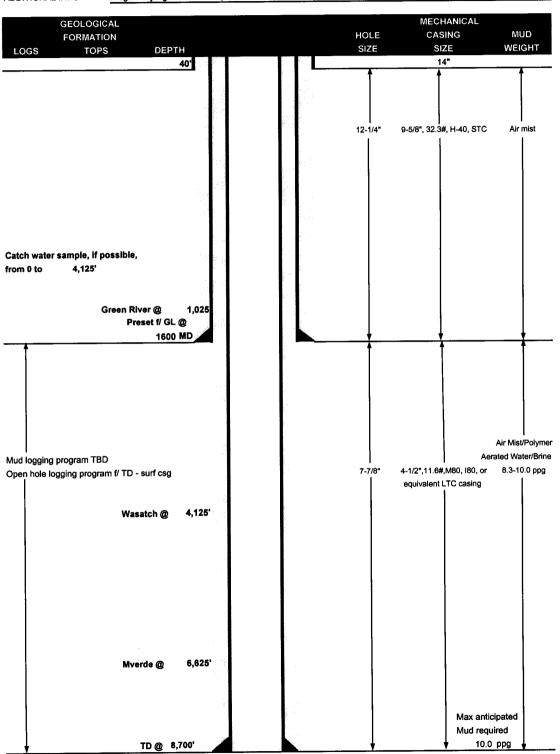
#### 10. Other Information:

Please see Natural Buttes Unit SOP.



# Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.	DATE	June 8, 20	004		
WELL NAME	NBU 1022-30C	TD	8,700'	MD/TVD		
FIELD Natural Butt	es COUNTY Uintah STATE	Utah	ELEVATION	5,312' GL	KE	3 5,327'
SURFACE LOCATION	948' FNL & 1653' FWL, NENW SEC. 30, T1	0S, R22E	_		BHL	Straight Hole
	Latitude: 39.92455 Longitude: 109	484222				
OBJECTIVE ZONE(S)	Wasatch/Mesaverde					
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINE	RALS), UD	OGM, Tri-County	y Health Dept.		





#### CASING PROGRAM

								ε	DESIGN FACTO	DRS
	SIZE	IN	TERVA	\L	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	ř : .	0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	1600	32.30	H-40	STC	0.87***** 7780	1.83 <b>6350</b>	5.61 201000
PRODUCTION	4-1/2"	0	to	8700	11.60	M-80 or I-80	LTC	2.98	1.40	2.28
					1					

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP

2610 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 pai/ft

#### CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele		:		
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele			in the	
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	. 1	NOTE: If well will circulate water to	surface, o	ption 2 will		
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
-		+.25 pps Flocele + 3% salt BWOC		\$ i	<b>₹</b>	
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele			1 1	
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
		1958 - 15 May 1	1085			
PRODUCTION LEAD	3,620'	Premium Lite II + 3% KCI + 0.25 pps	400	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				
						-
TAIL	5,080'	50/50 Poz/G + 10% salt + 2% gel	1420	60%	14.30	1.31
		+.1% R-3	1. 1.		<u> </u>	

<sup>\*</sup>Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

#### FLOAT EQUIPMENT & CENTRALIZERS

PRODUCTION			
	Float shop 1 it float collar. Car	entralize first 3 joints & every third joint to top of tail cement with bow	
PRODUCTION	spring centralizers.	January and Colorina a coopy and January	

#### ADDITIONAL INFORMATION

	BOPE: 11" 3M with one ann	ular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to	drilling out. Record on chart recorder &				
	tour sheet. Function test ran	ns on each trip. Maintain safety valve & inside BOP on rig floor a	t all times. Kelly to be equipped with upper				
	& lower kelly valves.						
	Drop Totco surveys every 20	op Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.					
LING	ENGINEER:		DATE:				
LING	ENGINEER:	Brad Laney	DATE:				
	ENGINEER: SUPERINTENDENT:	Brad Laney	DATE:				

<sup>\*</sup>Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

#### NBU #1022-30C NE/NW Sec. 30,T10S,R22E UINTAH COUNTY, UTAH UTU-0132568-A

#### **ONSHORE ORDER NO. 1**

#### MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1022-30C on 6/9/04, for the subject well.

#### 1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

#### 2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.1 Miles +/- of proposed access road. Refer to Topo Map B.

#### 3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

#### 4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 550' of pipeline is proposed. Up to 8" pipeline shall be Butt Welded. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

#### 5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

#### 6. Source of Construction Materials:

Please see the Natural Buttes SOP.

#### 7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

#### 8. Ancillary Facilities:

Please see the Natural Buttes SOP.

#### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 16 mil reserve pit liner with felt will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

#### 10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Scarlet Globe Mallow	4 lbs.
Shadscale	4 lbs.
Galleta Grass	3 lbs.
Wyoming Big Sagebrush	1 lbs.

#### 11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

#### 12. Other Information:

A Class III archaeological survey has been completed and submitted to Bureau of Land Management.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or operations will conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The operator will control noxious weeds along Rights-of-Way for roads, pipeline, well sites, or other applicable facilities.

#### 13. <u>Lessee's or Operators's Representative & Certification</u>:

Sheila Upchego Regulatory Analyst Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7024 Randy Bayne
Drilling Manager
Westport Oil &Gas Company L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

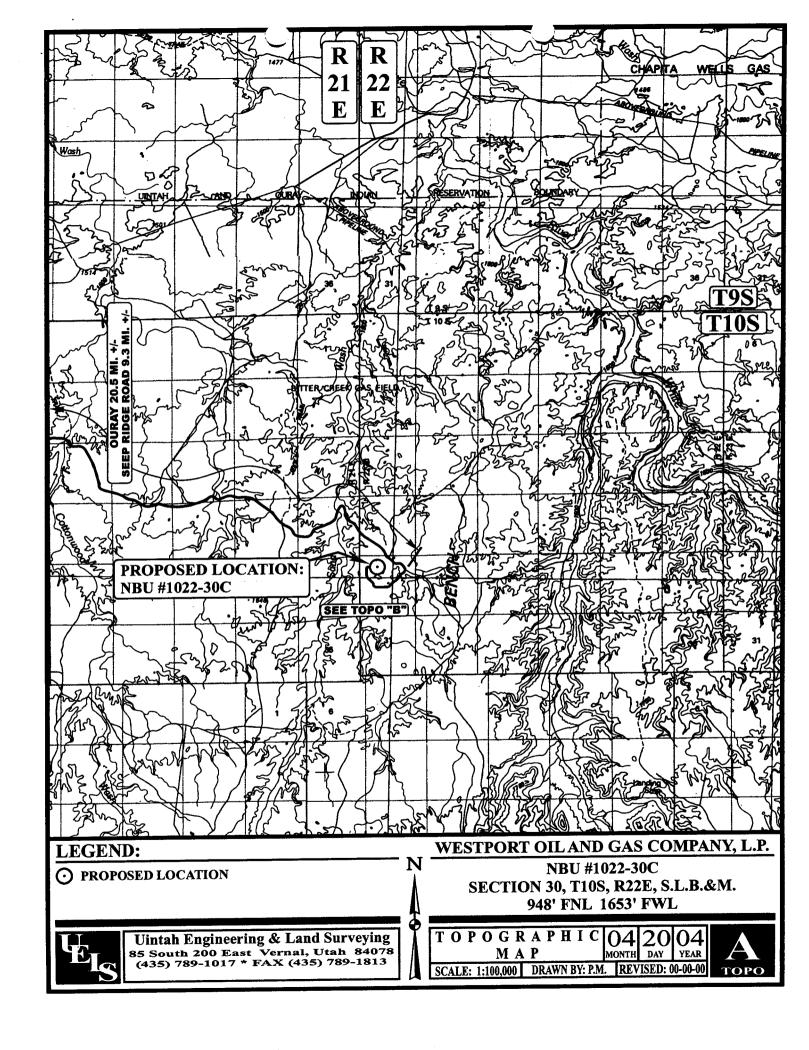
/s/ Sheila Upchego

7/28/04 Date

# WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-30C SECTION 30, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE NBU #1022-30D TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.65 MILES.



# WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-30C

LOCATED IN UINTAH COUNTY, UTAH SECTION 30, T10S, R22E, S.L.B.&M.

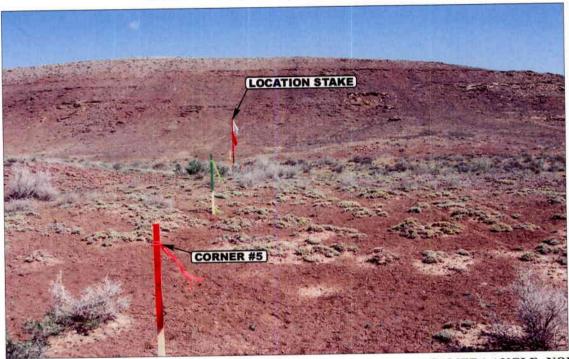


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



Uintah Engineering & Land Surveying

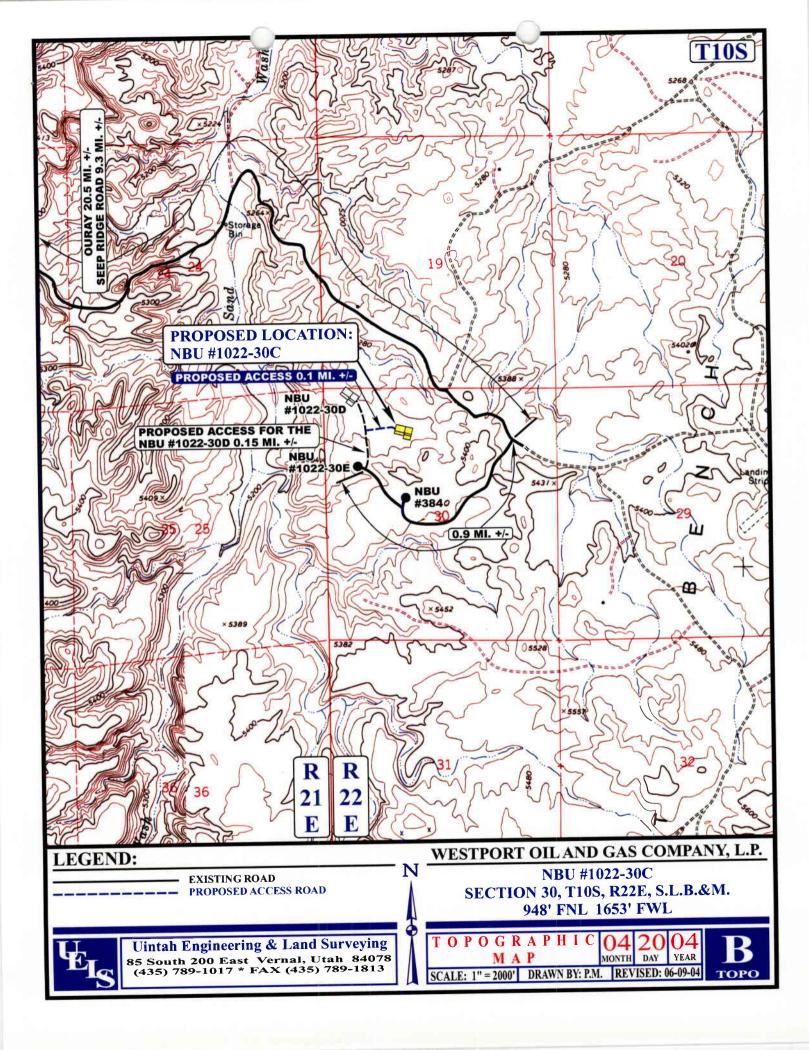
85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

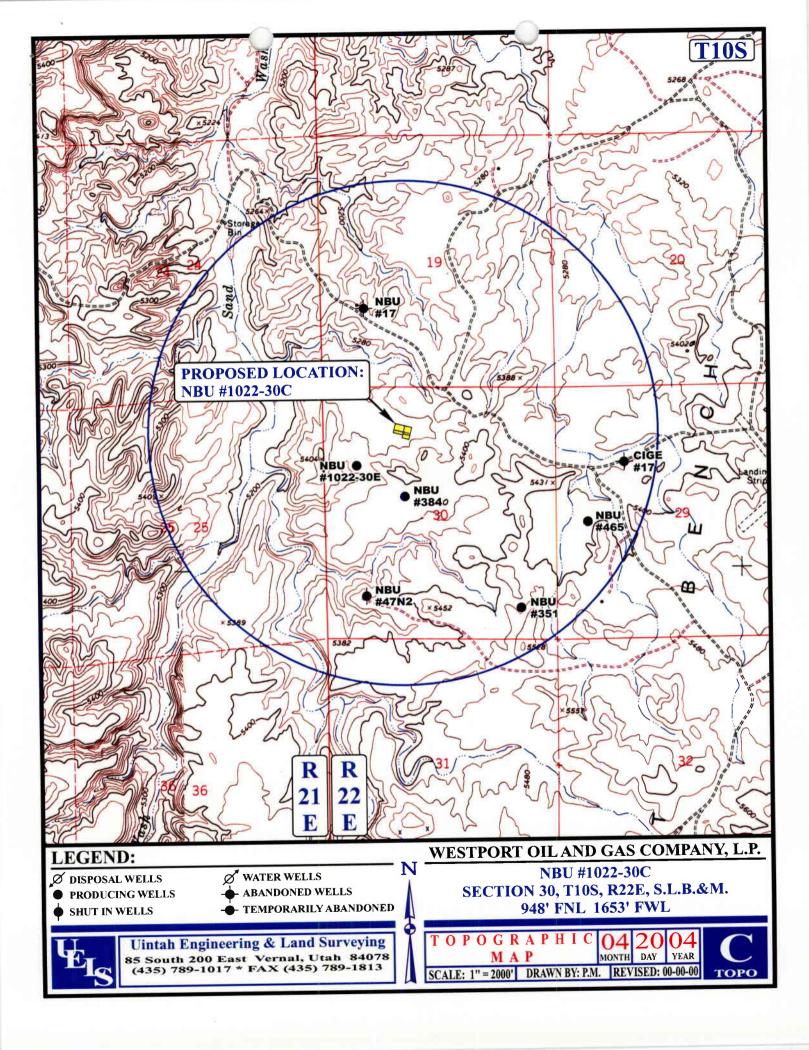
LOCATION PHOTOS

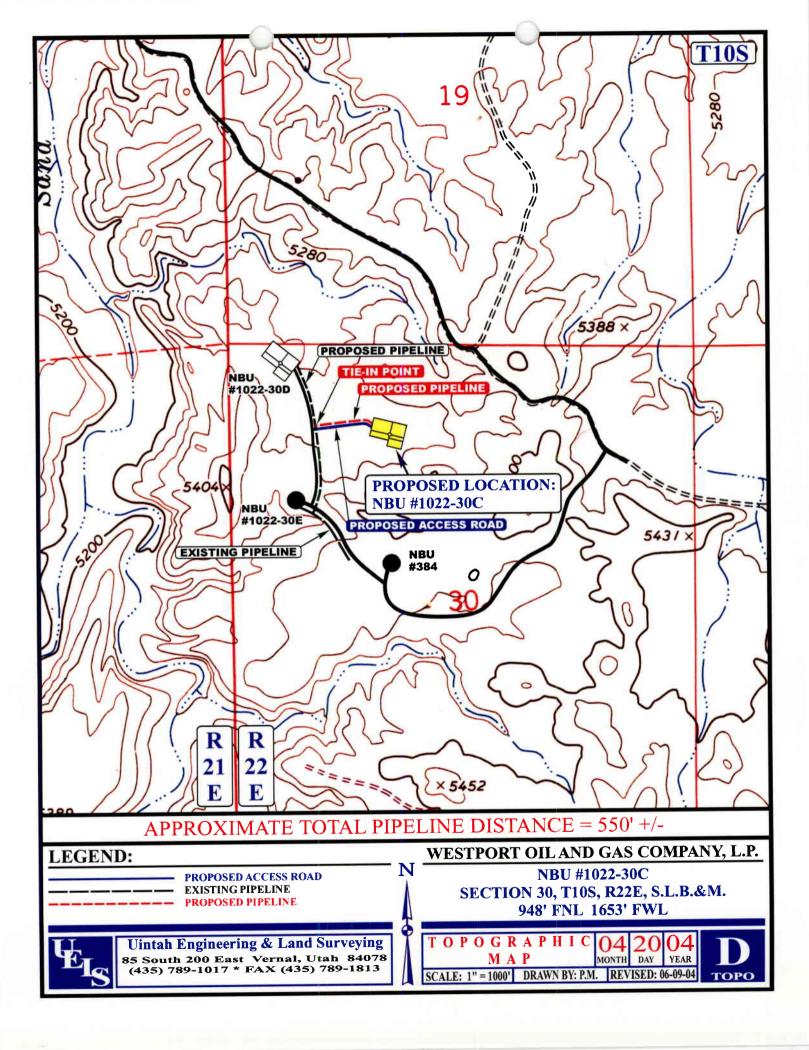
MONTH DAY

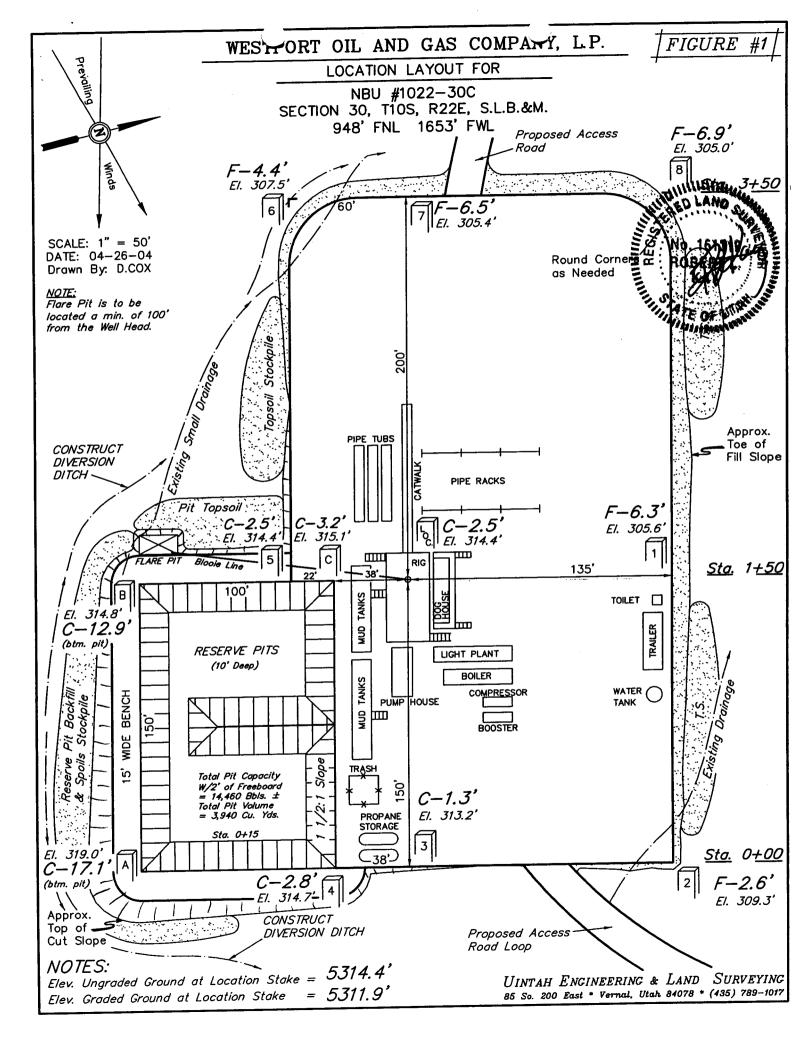
**РНОТО** 

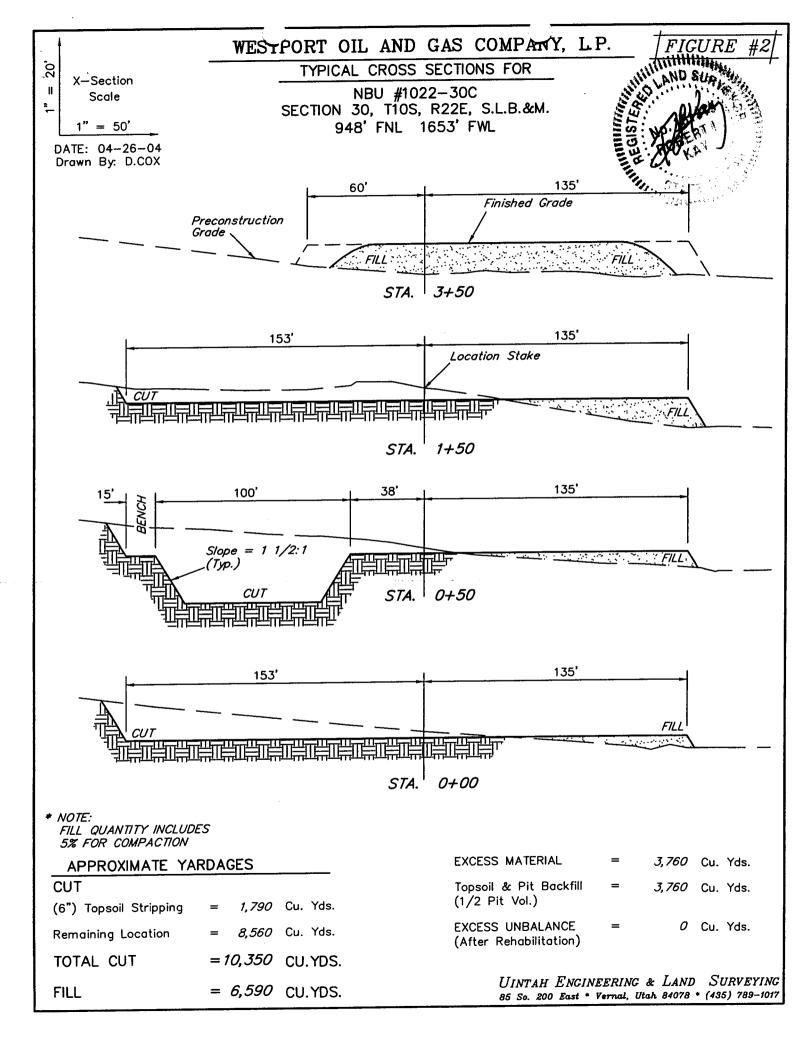
TAKEN BY: D.K. DRAWN BY: P.M. REVISED: 00-00-00



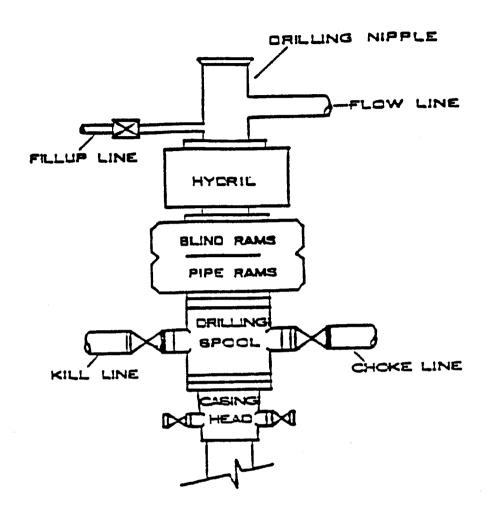


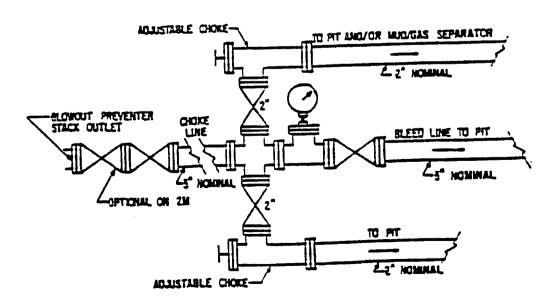






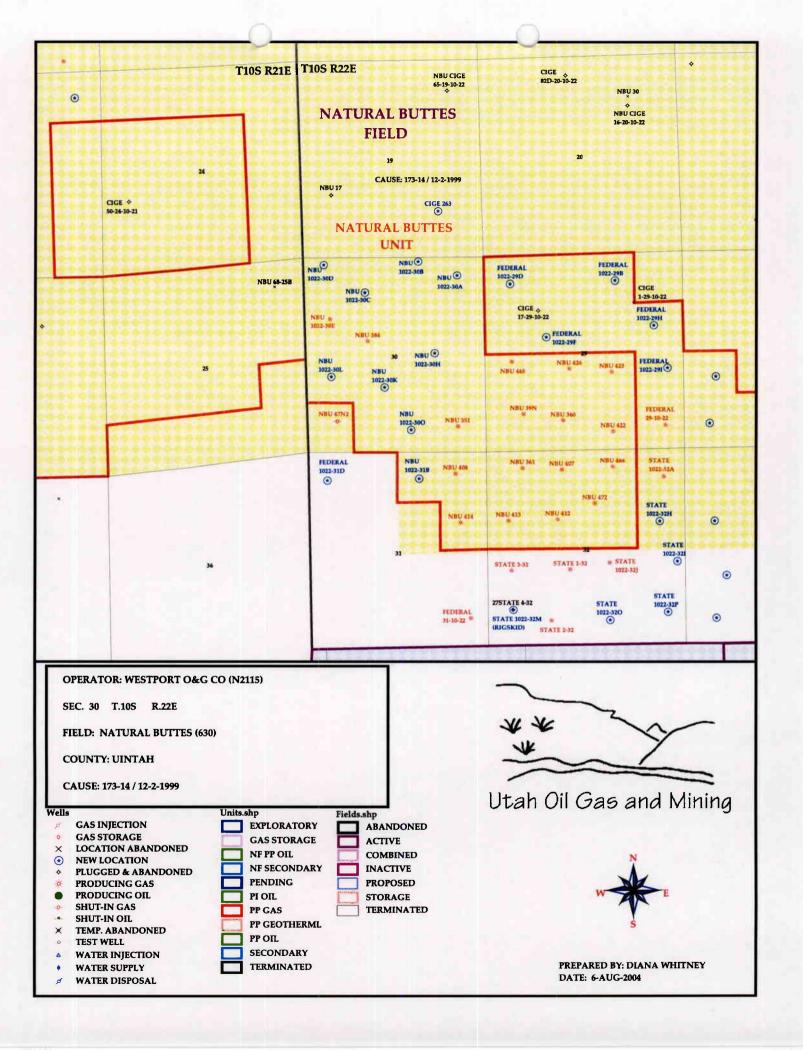
#### EOP STACK





## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/03/2004	API NO. ASSIGNED: 43-047-35858	
WELL NAME: NBU 1022-30C  OPERATOR: WESTPORT OIL & GAS CO ( N2115 )  CONTACT: SHEILA UPCHEGO  PROPOSED LOCATION:  NENW 30 100S 220E  SURFACE: 0948 FNL 1653 FWL  BOTTOM: 0948 FNL 1653 FWL  UINTAH  NATURAL BUTTES ( 630 )	PHONE NUMBER: 435-781-7024  INSPECT LOCATN BY: / /  Tech Review Initials  Engineering  Geology	Date
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-0132568-A  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: MVRD  COALBED METHANE WELL? NO	Surface  LATITUDE: 39.92445  LONGITUDE: 109.48352	
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. CO-1203 )  Potash (Y/N)  Y Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-8496 )  N RDCC Review (Y/N)  (Date: )  Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit NATURAL BUTTES  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Be R649-3-3. Exception  Drilling Unit Board Cause No: 173-14 Eff Date: 12-2-199 Siting: 460 From Qtr/Qtr & 920' Be R649-3-11. Directional Dril	19 romin. Tract
STIPULATIONS: 1- Federal Deprove Z- DIL SHALE		



### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 9, 2004

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

#### (Proposed PZ MesaVerde)

```
43-047-35855 NBU 1022-6M Sec 6 T10S R22E 0196 FSL 0698 FWL
43-047-35862 NBU 1022-7P Sec 7 T10S R22E 0072 FSL 0271 FEL
43-047-35856 NBU 1022-8E Sec 8 T10S R22E 2144 FNL 0753 FWL
43-047-35863 NBU 1022-8N Sec 8 T10S R22E 0518 FSL 1418 FWL
43-047-35864 NBU 1022-8M Sec 8 T10S R22E 0814 FSL 0538 FWL
43-047-35865 NBU 1022-8L
                         Sec 8 T10S R22E 1776 FSL 0388 FWL
43-047-35866 NBU 1022-8K Sec 8 T10S R22E 1976 FSL 1338 FWL
43-047-35867 NBU 1022-8A Sec 8 T10S R22E 0738 FNL 0214 FEL
43-047-35857 NBU 1022-30D Sec 30 T10S R22E 0201 FNL 0547 FWL
43-047-35858 NBU 1022-30C Sec 30 T10S R22E 0948 FNL 1653 FWL
43-047-35859 NBU 1022-30B Sec 30 T10S R22E 0127 FNL 1743 FEL
43-047-35868 NBU 1022-30H Sec 30 T10S R22E 2611 FNL 1299 FEL
43-047-35869 NBU 1022-30A Sec 30 T10S R22E 0503 FNL 0707 FEL
43-047-35851 NBU 921-29N Sec 29 T09S R21E 0662 FSL 1899 FWL
43-047-35852 NBU 921-29M Sec 29 T09S R21E 0727 FSL 0739 FWL
43-047-35853 NBU 921-29L Sec 29 T09S R21E 1632 FSL 0595 FWL
43-047-35854 NBU 921-29K Sec 29 T09S R21E 1875 FSL 2459 FWL
```

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 10, 2004

Westport Oil & Gas Company L P 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 1022-30C Well, 948' FNL, 1653' FWL, NE NW, Sec. 30, T. 10 South, R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35858.

Sincerely,
K. Michael Helection

John R. Baza
Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company L P			
Well Name & Number	Natural Buttes Unit 1022-30C			
API Number:	43-047-35858			
Lease:	UTU-0132568-A			
Location: <u>NE NW</u>	Sec. 30	<b>T.</b> 10 South	R. 22 East	

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160-3 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5	Lease Serial No.
٠.	
	UTU-0132568-A
	010-010200-7

5.	Lease Serial No.
	UTU-0132568-A
	0100.020007

6. If Indian, Allottee or Tribe Name

0	0	-

#### APPLICATION FOR PERMIT TO DRILL OR REENTER

If Unit or CA Agreement, Name and No. REENTER Ia. Type of Work: DRILL NATURAL BUTTES Lease Name and Well No. NBU 1022-30C Oil Well Single Zone ☐ Multiple Zone Gas Well 1b. Type of Well: ☐ Other API Well No Contact: SHEILA UPCHEGO Name of Operator WESTPORT OIL & GAS COMPANY L.P. E-Mail: supchego@westportresourcescorp.com ield and Pool, or Exploratory 3b. Phone No. (include area code) 3a. Address 1368 SOUTH 1200 EAST Ph: 435.781.7024 NATURAL BUTTES VERNAL, UT 84078 Fx: 435.781.7094 11. Sec., T., R., M., or Blk. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) **NENW 948FNL 1653FWL** Sec 30 T10S R22E Mer SLB At surface JUL **28** 2004 At proposed prod. zone 12. County or Parish State 14. Distance in miles and direction from nearest town or post office UT UINTAH 30.95 MILES SOUTHEAST OF OURAY, UTAH 17. Spacing Unit dedicated to this well 15. Distance from proposed location to nearest property or 16. No. of Acres in Lease lease line, ft. (Also to nearest drig. unit line, if any) 560.00 40.00 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 20. BLM/BIA Bond No. on file 19. Proposed Depth 8700 MD REFER TO TOPO C CO-1203 21. Elevations (Show whether DF, KB, RT, GL, etc. 22. Approximate date work will start 23. Estimated duran 5314 GL 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

der No. 1, shall be attached to this form:

OIV. UF OIL, GAS & MININGE.

4. Bond to cover the operations unless covered by an existing bond on file Gee

1: Well plat certified by a registered surveyor.

A Drilling Plan.
A Surface Use Plan (if the location is on National Forest System Lands, the

Item 20 above). Operator certification

SUPO shall be filed with the appropriate Forest So		<ol> <li>Such other site specific information and/or plans as may be required by the authorized officer.</li> </ol>		
25. Signature (Electronic Submission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435	5.781.7024 Date 07/28/2004	4	
Title REGULATORY ANALYST	P			
Approved (Signature)	Name (Printed/Typed)	01/24/20	105	
Assistant Held Manager	Office			
Application approval does not warrant or certify the ap	plicant holds legal or equitable title to those rights in	n the subject lease which would entitle the applicant to conduc	ct	

operations thereon. Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

NOTICE OF APPROVAL

Electronic Submission #33707 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY L.P, sent to the Vernal Committed to AFMSS for processing by LESLIE WALKER on 07/29/2004 ()



COAs Page 1 of 3 Well No.: NBU 1022-30C

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Westport Oil & Gas Company
Well Name & Number:	NBU 1022-30C
API Number:	43-047-35858
Lease Number:	UTU - 0132568-A
Location: <u>NENW</u> S	ec. <u>30</u> TWN: <u>10S</u> RNG: <u>22E</u>
Agreement:	Natural Buttes WS MV

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease, which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### **DRILLING PROGRAM**

#### 1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at  $\pm$  1,780 ft.

COAs Page 3 of 3 Well No.: NBU 1022-30C

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- An approved paleontologist must be onsite during construction of the well pad, road, and reserve pit.
- Do not construct the loop road.
- The seed mix for this location shall be:

Wyoming big sageArtemisia tridentata1 lbs./acreShadscaleAtriplex confertifolia4 lbs./acreGalleta grassHilaria jamesii3 lbs./acreGlobemallowSphaeralcea coccinea4 lbs./acre

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Form 3 160-5 (August 1999)

### UN D STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED

OMB No.	1004-0135
Expires Jnove	mber 30, 200

5. Lease Serial No. UTU-0132568-A

#### **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.  NATURAL BUTTES			
1. Type of Well	Пол		8. Well Name and No.	
Oil Well X Gas Well  2. Name of Operator	U Other		NBU 1022-30C	
•	MARANY I C		9. API Well No.	
WESTPORT OIL & GAS CC	3b.	Phone No. (include area code)	43-047-35858	
1368 SOUTH 1200 EAST, V		· ·	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,		3/101-1000	NATURAL BUTTES	
948' FNL 1653' FWL	1., It., III., or but vey bescription		11. County or Parish, State	
NENW SEC 30-T10S-R22E				
NEIVV SEC 30-1 103-1122L			UINTAH, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO INDI	CATE NATURE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTIO	N	
☐ Notice of Intent ☐ Subsequent Report	Alter Casing Casing Repair	Fracture Treat Reclamate New Construction Recompl	ete Other APD EXTENSION	
Final Abandonment Notice		Plug and Abandon		
determined that the site is ready for fin	al inspection.		clamation, have been completed, and the operator has	
ICHY SENT TO OPERATOR  Line: 2-21-05  Initials: CHA		Úta	proved by the ah Division Gas and to Table 1997	
	g is true and correct		NVIRONMENTAL ANALYST	
Signature Date July 7, 2005				
	THIS SPACE FO	R FEDERAL OR STATE USE		
Approved by		Title	Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct the conduction of the second of th	itable title to those rights in the subject let operations thereon.	ease	lepartment or agency of the United States any	
false, fictitious or fraudulent stateme	ents or representations as to any ma	tter within its jurisdiction.	VFD	

# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: Well Name:	43-047-35858 NBU 1022-30C		
Location:	NENW SEC 30-T10	0S-R22E	
		WESTPORT OIL & GAS C	COMPANY, L.C.
•	Permit Issued:		
above, hereby	verifies that the	n legal rights to drill on the information as submitted mains valid and does not	
Following is a verified.	checklist of some	e items related to the ap	pplication, which should be
•	rivate land, has t en updated? Yes	he ownership changed, s⊟No⊠	if so, has the surface
•		the vicinity of the proposents for this location? Ye	sed well which would affect s□No☑
	•	er agreements put in pla proposed well? Yes⊟ No	
		to the access route inclu proposed location? Yes	uding ownership, or right- □ No ☑
Has the approv	ved source of wa	ater for drilling changed?	? Yes□No☑
	ire a change in p	changes to the surface lolans from what was dis	ocation or access route cussed at the onsite
Is bonding still	in place, which o	covers this proposed we	ell? Yes⊠No□
_ / _	,		7/7/2005
Signature	menic	<del>1</del>	Date
Title: ASSOC. I	ENVIRONMENTAL	_ ANALYST	
Representing:	WESTPORT OIL	& GAS COMPANY, L.C.	
		f <sup>v2</sup>	TIVED

111 3 2005

Form 3 160-5 (August 1999)

# UNI' STATES DEPARTMENT OF THE INTERIOR

	5		W		1		FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 200
DEC	1	6	2005	5.	Ш	Ļ	ase Serial No.

BUREAU OF LAND MANAGEMENT	IIII DEC
---------------------------	----------

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or regiter an abandoned well. Use Form 3160-3 (APD) for such proposals.			UTU-0132	568-A
			6. If Indian,	Allottee or Tribe Name
20 20 20	2 22 23	ctions on reverse side	7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well			NATURAL	BUTTES UNIT
Oil Well X Gas Well Other			8. Well Nam	e and No.
2. Name of Operator			NBU 102	2-30C
WESTPORT OIL & GAS COMPANY L.P.			9. API Well	No.
3a. Address 3b. Phone No. (include area code)			de) 43-047-35	
1368 SOUTH 1200 EAST V	'ERNAL. UT 84078	(435) 781-7024	10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			NATURAL	and the same of th
			11. County or	11. County or Parish, State
NENW SECTION 30-T10S-R22E 948'FNL & 1653'FWL			UINTAH C	OUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO J	NDICATE NATURE OF NOT	CICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat Re New Construction Re Plug and Abandon Te	oduction (Start/Resume) clamation complete mporarily Abandon ater Disposal	Water Shut-Off Well Integrity Other BLM APD EXTENSION
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	ally or recomplete horizontally, gork will be performed or provide operations. If the operation resubandonment Notices shall be file hal inspection.	the Bond No. on file with BLM/BIA  lits in a multiple completion or recore  d only after all requirements, include	A Required subsequent r inpletion in a new interval ling reclamation, have be	eports shall be filed within 30 days i, a Form 3160-4 shall be filed once ten completed, and the operator has
THE OPERATOR REQUES LOCATION. SO THAT THE APPROVED BY THE BURE	DRILLING OPERATION	ONS MAY BE COMPLET	ED. THE ORIGIN 4 <b>, 2004</b> .	IE SUBJECT WELL  IAL APD WAS
,			2005	RECEIVED
				DEC 3 0 2005
	CONDI	TIONS OF APPROVAL A	TTACHED	DIV OF OU GAS & MINING

DIV. OF OIL, GAS & MINING

(Instructions on reverse)



### **CONDITIONS OF APPROVAL**

### Westport Oil & Gas Co.

#### Notice of Intent APD Extension

Lease:

UTU-0132568-A

Well:

NBU 1022-30C

Location:

NENW Sec 30-T10S-R22E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 1/24/07
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

#### X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: ( New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 South 1200 East				
Vernal, UT 84078	Vernal, UT 84078				
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
<b>l</b> 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If <b>NO</b> , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	<u>-</u>	
<ul><li>3. Bond information entered in RBDMS on:</li><li>4. Fee/State wells attached to bond in RBDMS on:</li></ul>	5/15/2006	-			
<ul><li>4. Fee/State wells attached to bond in RBDMS on:</li><li>5. Injection Projects to new operator in RBDMS on:</li></ul>	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The <b>FORMER</b> operator has requested a release of liability from the	•	n/a	rider adde		
The Division sent response by letter on:			_		
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

4 Form 3 160-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

_ <del></del>			/A 1 A		5. Lease Serial No.			
	NOTICES AND REPORTS				MULTIPLE LEASES			
Do not use this abandoned well.	form for proposals to Use Form 3160-3 (APD)	6. If Indian, Allottee or Tr	ibe Name					
SUBMIT IN TRIPL	ICATE – Other instruc	tion	s on reverse	side	7. If Unit or CA/Agreement, Name and/or No.			
I. Type of Well								
Oil Well X Gas Well	Other			····	8. Well Name and No.			
2. Name of Operator		•			MUTIPLE WELL	S		
KERR-McGEE OIL & GAS C					9. API Well No.			
3a. Address			Phone No. (include	L				
1368 SOUTH 1200 EAST VERNAL, UT 84078 4. Location of Well (Footage, Sec., T., R., M., or Survey Description			781-7024		10. Field and Pool, or Explo	oratory Area		
4. Location of Well (Fundinge, Sec.,	1., K., M., or Survey Description	)		].	11 0			
SEE ATTACHED				11. County or Parish, State				
				UINTAH COUNTY, L	JTAH			
	ROPRIATE BOX(ES) TO IN	DICA	ATE NATURE C	OF NOTICE, RE	EPORT, OR OTHER DAT	ГА		
TYPE OF SUBMISSION			TYP	E OF ACTION				
Notice of Intent	Acidize [	<b>D</b>	еереп	Production (	Start/Resume)  Water 5	Shut-Off		
Subsequent Report	Alter Casing	=	acture Treat	Reclamation		* ·		
Subsequent Report	Casing Repair Change Plans	=	ew Construction ug and Abandon	Recomplete		CHANGE OF		
Final Abandonment Notice	Convert to Injection		ug and Abandon ug Back	∏ Temporarily     Water Dispose		ATOR		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin-	operations. If the operation results bandonment Notices shall be filed	ınan	multiple completion :	or recompletion in	a new interval a Form 2160 4	aball ba Cl_ 4		
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS C	CHED WELL LOCATION	18. 1	<b>EFFECTIVE</b> J	ANUARY 6, 2	2006.	RECEIVED		
OF THE LEASE(S) FOR THE	E OPERATIONS COND	UCT	ED UPON I F	ASE LANDS	ROND COVERAGE	MAY 1 0 2006		
IS PROVIDED BY STATE O	F UTAH NATIONWIDE I	BON	ID NO. RLB00	05237.	ם באינוסט פייוסט. ת	IV OF OIL GAS & MINING		
	ONO = C0/203		AP:	PROVEL	51/6/06	IV. OF OIL, GAS & MININO		
BIA B	OND = RLB 000	50	239 (	arlene,	Russell	<del></del>		
14. I hereby certify that the foregoing	g is true and correct		Divis	<del>lon of Oll, C</del>	as and Mining			
Name (Printed/Typed)		Tit			ingineering Technicia	u .		
RANDY BAYNE		<del> </del>	RILLING MANA	AGER				
Kanky Sayne		Da Ma	y 9, 2006					
	THIS SPACE F	OR F	EDERAL OR ST	ATE USE				
Approved by			Title		Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	table title to those rights in the subject	rant or t lease	Office	248.4				

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

### MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne
SUBMIT IN TRIPL	ICATE – Other instru	ctions on rev	erse side	7. If Unit or CA/Agreement, N	ame and/or No.
I. Type of Well					
Oil Well X Gas Well	Other .			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTA	н
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair	New Construe		plete 👿 Other CHA	•
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal	
ronowing completion of the involved	perations. If the operation result bandonment Notices shall be filed at inspection.  DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEIV	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Dariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0 *****
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature	<del></del>		ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		-
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subj	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



### United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

#### Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3 16.0-5 (August 1999)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-0132568-A

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an

abandoned well. Use For	rm 3160-3 (APD)	tor such propo	Sais.		
SUBMIT IN TRIPLICATE	– Other instruc	ctions on reve	erse side	7. If Unit or CA	/Agreement, Name and/or No.
1. Type of Well Oil Well Sas Well Other 2. Name of Operator  KERR-MCGEE OIL & GAS ONSHO  3a. Address 1368 SOUTH 1200 EAST, VERNAL 4. Location of Well (Footage, Sec., T., R., M., 948' FNL 1653' FWL  NENW, SEC 30-T10S-R22E	DRE LP ., UTAH 84078	435-781-7003	nclude area code)	8. Well Name at NBU 1022-30 9. API Well No 4304735858 10. Field and Pool NATUAL BU 11. County or Pa	ol, or Exploratory Area TTES rrish, State
12. CHECK APPROPRIA	TE BOX(ES) TO I	NDICATE NATU	JRE OF NOTICE,	REPORT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTIO	N	
Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construc Plug and Aban Plug Back	rtion Reclamat Recomple ndon Tempora Water Di	ete rily Abandon sposal	Water Shut-Off Well Integrity Other APD EXTENSION DOGM
13. Describe Proposed or Completed Operations (clean of the proposal is to deepen directionally or reconstruction of the Bond under which the work will be following completion of the involved operations	omplete horizontally, ga performed or provide to s. If the operation resul	ive subsurface location the Bond No. on file alts in a multiple com	with BLM/BIA. Required and to with BLM/BIA. Required	uired subsequent repo n in a new interval, a	orts shall be filed within 30 days

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL AND GAS AND MINING ON AUGUST 10, 2004.

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

COPY SENT TO OPERATOR Color.

determined that the site is ready for final inspection.

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed)	Title Bogulatory Clark
Ramey Hoopes	Regulatory Clerk
Signature (1)	June 16, 2006
// , _ THIS SPACE	FOR FEDERAL OR STATE USE
	Title Date
Approved by	1 m 2 m 1 c
Jedan H. V.	<del></del>
Conditions of approval, if any, are altached Approval of this notice does not w	WILLIAM OF CITIES TO A SECTION OF A SECTION
certify that the applicant holds legal or equitable title to those rights in the subj	ect lease ENVIRONMENTAL MANAGER
Certify that the applicant notes regardle equitable date to most regardle	
which would entitle the applicant to conduct operations thereon.	Sthe United States any
Title 18 U.S.C. Section 1001, make it a crime for any person know	wingly and willfully to make to any department or agency of the United States any
Title to clote. Seemen 1917, many	To the contract of the state of

(Instructions on reverse)

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. RECEIVED

JUN 2 6 2005



# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304735858  Well Name: NBU 1022-30C  Location: NENW, SEC 30-T10S-R22E  Company Permit Issued to: KERR-MCGEE OIL AND GAS ONSHORE LP  Date Original Permit Issued: 8/10/2004
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No☑
Have any wells been drilled in the vicinity of the proposed well which would affec the spacing or siting requirements for this location? Yes⊡ No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
100000   6/16/2006   Date
Title: REGULATORY CLERK
Representing: KERR-MCGEE OIL AND GAS ONSHORE L

RECEIVED
JUN 2 6 2006

## **DIVISION OF OIL, GAS AND MINING**

#### **SPUDDING INFORMATION**

Name of Compar	ny: KERR-McGEE OIL & GAS ONSHORE, LP	
Well Name:	NBU 1022-30C	
Api No: 43	3-047-35858 Lease Type: <u>FEDERAL</u>	
Section 30 T	ownship 10S Range 22E County UINTAH	
Drilling Contract	tor ROCKY MOUNTAIN DRLG RIG # BUCKET	
SPUDDED:		
Dat	te	
Tin	me	
Но	owDRY	
Drilling will C	Commence:	
Reported by	LOU WELDON	
Telephone #	(435) 828-7035	
Date 01/04.	./2007 Signed CHD	

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY	ACTION	FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

1368 SOUTH 1200 EAST

Address:

city VERNAL

zip 84078 state UT

Phone Number: (435) 781-7024

leil 1			1 00	Sec	Twp	Rng	County		
API Number	Well	Well Name		<del></del>			UINTAH		
4304735858	NBU 1022-30C	·	NENW	30	105	22E			
Action Code	Current Entity Number	New Entity Number	3	Spud Date		Spud Date		Entity Assignment Effective Date	
a	99999	3900		1/3/200	7		11/07_		
	35000	-01/00 -010 m//	01 = 11	ISM	1//				

MIRU ROCKY MTN BUCKET RIG.

SPUD WELL LOCATION ON 01/03/2007 AT 1600 HRS

11 2	T Malett	Nemo	QQ	Sec	Twp	Rng	County	
API Number	Well Name		SENW	25	95	20E	UINTAH	
4304737008	NBU 920-25F					Entity Assignm		
Action Code	Current Entity Number	New Entity Number	S	Spud Date		E	Effective Date	
_ A	99999	2900		1/4/200	7		1/11/07_	

MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 01/04/2007 AT 0930 HRS.

API Number	Well	lame	QQ	Sec	Twp	Rng	County	
Action Code	Current Entity Number	New Entity Number	\$	Spud Date		Entity Assignment Effective Date		
omments:								

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

(6/2000)

Office (Exhigh) in commence	
GARJENE RUSSELL	From SHAIA LANCHER
THE PURE	co. KMb
CO./Dept-UTDOGM	Phone \$435) 781-7024
'''' '  Y	Fax + \$455) 781-7044
5-11 (MO) 754, 2440	ומן עלפון

SHEILA UPCHEGO

SENIOR LAND SPECIALIST

1/4/2007

Title

RECEIVED

JAN 0 4 2007

DIV. OF OIL, GAS & MINING

Form 3 160-5 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-0132568-A

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

abandoned wen.	D30 1 01111 0100 0 (111 =)	, o. o. o. p p p p p p		_			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No UNIT #891008900A						
1. Type of Well				NATURAL E	BUTTES UNIT		
Oil Well X Gas Well	Other			8. Well Name	and No.		
2. Name of Operator				NBU 1022	2-30C		
KERR-McGEE OIL & GAS C	NSHORE LP			9. API Well N	0.		
3a. Address		3b. Phone No. (includ	e area code)	4304735858	3		
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024		10. Field and P	ool, or Exploratory Area		
4. Location of Well (Footage, Sec.,		on)		NATURAL BUTTES			
				11. County or F	arish, State		
NENW SEC. 30, T10S, R22	UINTAH COUNTY, UTAH						
12. CHECK APP.	ROPRIATE BOX(ES) TO I	INDICATE NATURE	OF NOTICE, I	REPORT, OR O	THER DATA		
TYPE OF SUBMISSION		TYF	E OF ACTIO	N			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamati	n (Start/Resume)	Water Shut-Off Well Integrity		
X Subsequent Report	Casing Repair	New Construction	Recomple	te	Other WELL SPUD		
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Water Dis	•			
13. Describe Proposed or Completed Open If the proposal is to deepen directional Attach the Bond under which the work.	ally or recomplete horizontally, grank will be performed or provide	the Bond No. on file with	i measured and it BLM/BIA. Requ	nired subsequent rep	if all pertilient markets and zones.		

determined that the site is ready for final inspection. MIRU ROCKY MTN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10

following completion of the involved operations. If the operation results in a multiple completion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

SPUD WELL LOCATION ON 01/03/2007 AT 1600 HRS.

PIPE. CMT W/28 SX READY MIX CMT.

14. I hereby certify that the foregoing is true and Name (Printed/Typed) SHEILA UPCHEGO Signature	Title SENIOR LAND ADMIN Date January 4, 2007	SPECIALIST						
THIS SPACE FOR FEDERAL OR STATE USE								
Approved by	Title	Date						
Conditions of approval, if any, are attached. Approval of certify that the applicant holds legal or equitable title to the which would entitle the applicant to conduct operations the	nose rights in the subject lease lease.							
Title 18 U.S.C. Section 1001, make it a crime f	or any person knowingly and willfully to make to a entations as to any matter within its jurisdiction.	ny department or agency of the United States any						

(Instructions on reverse)

JAN 1 1 2007

Form 3160-5 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-0132568-A

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

abandoned well.					
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT				
Type of Well Oil Well Gas Well  Name of Operator	8. Well Name and No.  NBU 1022-30C				
KERR-McGEE OIL & GAS ON 3a. Address 1368 SOUTH 1200 EAST VER	9. API Well No. 4304735858  10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., T., F		NATURAL BUTTES  11. County or Parish, State  UINTAH COUNTY, UTAH			
	PPROPRIATE BOX(ES) T		OF NOTICE, RE		ER DATA
TYPE OF SUBMISSION  Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction		n (Start/Resume) on	Water Shut-Off Well Integrity Other FINAL DRILLING
Final Abandonment Notice	Change Plans Convert to Injection	Water Dis	f any proposed worl	OPERATIONS  k and approximate duration thereof.	
<ol> <li>Describe Proposed or Completed Ope</li> <li>If the proposal is to deepen directions</li> </ol>	ally or recomplete horizontally	, give subsurface locations an	nd measured and t	true vertical depths	of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 1860' TO 8780' ON 03/22/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/350 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1380 SX 50/50 POZ @14.3 PPG 1.31 YIELD. BUMP PLUG 500 OVER FLOATS HELD NO CMT BACK. SET SLIPS W/75K NIPPLE DOWN CUT OFF CSG. CLEAN MUD TANKS.

RELEASED PIONEER RIG 38 ON 03/23/2007 AT 2200 HRS.

RECEIVED

APR 02 2007

		V OF OIL GAS & "INING		
14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)	ritle ENIOR LAND ADMI	N SPECIALIST		
	Date March 26, 2007			
THIS SPACE FOL	R FEDERAL OR STATE	USE		
Approved by	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	ase	to any department or agency of the United States any		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR

## BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

#### UTU-0132568-A

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135

Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

abandoned well. U	7. If Unit or CA/Agreement, Name and/or No.						
SUBMIT IN TRIPLIC	UNIT #891008900A NATURAL BUTTES UNIT						
Type of Well Oil Well  Name of Operator	Other			8. Well Name an NBU 1022- 9. API Well No.	-30C		
KERR-McGEE OIL & GAS ONS 3a. Address 1368 SOUTH 1200 EAST VER 4. Location of Well (Footage, Sec., T., R. NENW SEC. 30, T10S, R22E 9	NAL, UT 84078 , M., or Survey Description)	3b. Phone No. (include as (435) 781-7024	rea code)	4304735858  10. Field and Pool, or Exploratory Area NATURAL BUTTES  11. County or Parish, State UINTAH COUNTY, UTAH			
	PPROPRIATE BOX(ES) TO	) INDICATE NATURE O	F NOTICE, RE				
	PPROFRIATE BON(25)	TY	PE OF ACTION	1			
TYPE OF SUBMISSION  Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Production (Start/Resume) Water Shut-O					
Final Abandonment Notice	Convert to Injection	ed starting date of	f any proposed wor	k and approximate duration thereof. of all pertinent markers and zones.			

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including e Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 05/11/2007 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**RECEIVED** MAY 2 9 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  Name (Printed/Typed)  SEN	OR LAND ADMIN SPECIALIST
	22, 2007
Approved by	Title Date
	Office
Conditions of approval, if any, are attached. Approval of this hottle control of this hottle certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  Title 18 U.S.C. Section 1001, make it a crime for any person knowingly a	nd willfully to make to any department or agency of the United States any within its jurisdiction.

Title 18 U.S.C. Section 1001, make it a crime for any p false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



#### Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

NENW, SEC. 30, T10S, R22E UINTAH COUNTY, UT

DATE	Activity		Status
12/20/06	LOCATION STARTED	Pioneer 38	
01/02/07	LOCATION COMPLETE	Pioneer 38	P/L IN, WOBR
01/03/07	SET CONDUCTOR	Pioneer 38	WOAR
01/20/07	SET AIR RIG	Pioneer 38	DRLG
01/20/07	9 5/8" @1835'	Pioneer 38	DRLG
03/13/07	TD: 1860' Csg. 9 5/8"@ 1834' MW: Move to NBU 1022-30C. RURT. NU and test report time.	8.4 SD: 3/ BOPE. PU BHA	XX/07 DSS: 0 and DP. Drill cement and FE @
03/14/07	TD: 3021' Csg. 9 5/8"@ 1834' MW. Drill FE. Rotary spud @ 1000 hrs 3/13/07. D	: 8.8 SD: 3 rill from 1860'-30:	/13/07 DSS: 1 21'. DA @ report time.
03/15/07	TD: 4170' Csg. 9 5/8"@ 1834' MW Drill from 3021'-4170'. DA @ report time.	: 9.2 SD: 3	/13/07 DSS: 2
03/16/07	TD: 5205' Csg. 9 5/8"@ 1834' MW: Drill from 4170'-5205'. DA @ report time.	9.7 SD: 3	5/13/07 DSS: 3
03/19/07	TD: 7590' Csg. 9 5/8"@ 1834' MW: Drill from 5205'-7590'. DA @ report time.	: 10.8 SD: 3	3/13/07 DSS: 6
03/20/07	TD: 8103' Csg. 9 5/8"@ 1834' MW Drill from 7590'-8103'. TFNB.	/: 10.8 SD: 3	3/13/07 DSS: 7
03/21/07	TD: 8355' Csg. 9 5/8"@ 1834' MW TFNB and MM. Drill from 8103'-8355'. DA.	<i>I</i> : 11.2 SD: 3	3/13/07 DSS: 8
03/22/07	TD: 8780' Csg. 9 5/8"@ 1834' MW Drill from 8355'-8780'. Short trip and lay dov		3/13/07 DSS: 9 eport time.

03/23/07

SD: 3/13/07 **DSS: 9** Csg. 9 5/8"@ 1834' MW: 11.6 TD: 8780' Lay down drill string. Run Triple Combo. Run 4 1/2" Production Casing @ report time.

03/26/07

DSS: 11 SD: 3/13/07 MW: 11.6 Csg. 9 5/8"@ 1834' TD: 8780' Run and cement 4 1/2" Production Casing. Set slips and release rig @ 2200 hrs 3/23/07. RDRT and move to Bitter Creek 1122-2B. RURT.

P/U TBG 05/02/07

Days On Completion: 1 Remarks: 7:00 A.M. HSM RIG DWN. ROAD RIG & EQUIP F/ NBU 920-35C TO LOC. MIRU, NDWH, NUBOPE. PREP & TALLY 306 JTS 2 3/8" J-55 4.7# 8RD TBG. P/U 3 7/8" BIT, BIT SUB & RIH P/U TBG OFF TRAILER. EOT @ 7080'. SWI. SDFN

LOGGING 05/03/07

> Days On Completion: Remarks: 7:00 A.M. HSM CONT TO RIH P/U TBG OFF TRAILER. TAG FILL @ 8690', R/U DRL EQUIP, R/U PMP & LINES. BRK REV CIRC & BEG TO DRL. C/O TO PBTD @ 8726'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH STAND BACK TBG. NDBOP. NU FRAC VLV'S. MIRU CUTTERS. P/U CBL/CCL/GR TOOLS & RIH, LOG WELL F/ 8746' TO SURF. POOH, L/D LOG TOOLS. FILL CSG W/ 2% KCL. SWI. SDFWE. PREP TO

LOGGING 05/04/07

Days On Completion:

Remarks: rig & crew on standby wait on frac crew

PERF AND FRAC 05/07/07

Days On Completion: 6 Remarks: 7:00 A.M. HSM MIRU CUTTERS W.L. SVC, MIRU WEATHERFORD FRAC SVC. PSI TST LINES TO 8500# (HELD). PREP TO FRAC

ALL STAGES SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 4 & 3 SPF, 90 & 120 DEG PHASING. ALL ZONES INCLUDE NALCO DVE-005 SCALE INHIB. 3 GAL'S PER THOUSAND IN PAD & 1/2 RAMP, & 10 GAL PER THOUSAND IN FLUSH & PRE PAD. ALL CBP'S ARE 4 1/2" BAKER 8K CBP'S.

STG 1: P/U 3 3/8" PERF GUNS & RIH. SHOOT 16 HOLES F/ 8684' - 88', P/U SHOOT 24 HOLES F/ 8654' - 60'. POOH. BRK DWN PERF'S @ 4297#, (PMP 5 BBLS 15% HCL FOLLOWED BY PRE PAD W/ 56 GALS DVE-005 IN PRE PAD). EST INJ RT @ 51.6 BPM @ 4600#, ISIP 2655#, FG .75, TREAT STG 1 W/ 22,540# 30/50 SAND (TAILED IN W/ 5000# TRC SAND). W/ SLK WTR. TOT CL FL 774 BBLS. ISIP 2724#, NPI 69#, FG .76

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8453', P/U SHOOT 16 HOLES F/ 8419' - 23', P/U SHOOT 12 HOLES F/ 8406' - 09', P/U SHOOT 12 HOLES F/ 8370' - 73', POOH, BRK DWN PERF'S @ 5319#, EST INJ RT @ 51.4 BPM @ 4800#, ISIP 2747#, FG .77, TREAT STG 2 W/ 30,290# SAND (TAILED IN W/ 5000# TRC). W/ SLK WTR. TOT CL FL 941 BBLS. ISIP 2882#, NPI 135#, FG`.78

STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8314', SHOOT 16 HOLES F/ 8280' - 84', P/U SHOOT 12 HOLES F/ 8221' - 24', P/U SHOOT 12 HOLES F/ 8105' -08', POOH, BRK DWN PERF'S @ 4853#, EST INJ RT @ 51.3 BPM @ 5180#, ISIP 3063#. FG .82, TREAT STG 3 W/ 33,550# SAND (TAILED IN W/ 5000# TRC). W/ SLK WTR. TOT CL FL 997 BBLS. ISIP 2848#, NPI -215#, FG .79

STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 7521', P/U SHOOT 20 HOLES F/ 7486' - 91', P/U SHOOT 20 HOLES F/ 7298' - 7303', POOH, BRK DWN PERF'S @ 2060#, EST INJ RT @ 51.5 BPM @ 4120#, ISIP 1691#, FG .67. TREAT STG 4 W/ 31,680# SAND (TAILED IN W/ 5000# TRC SAND), W/ SLK WTR. TOT CL FL 937 BBLS. ISIP 2543#, NPI 852#, FG .79

STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 7227', P/U SHOOT 20 HOLES F/ 7192' - 97', P/U SHOOT 20 HOLES F/ 7067' - 72', POOH, BRK DWN PERF'S @ 4047#, EST INJ RT @ 50.1 BPM @ 4700#, ISIP 2206#, FG .75, TREAT STG 5 W/ 52,600# 30/50 SAND (TAILED IN W/ 5000# TRC SAND), W/ SLK WTR. TOT CL FL 1462 BBLS, ISIP 2832#, NPI 626#, FG .84

STG 6: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 6810', P/U SHOOT 8 HOLES F/ 6778' - 6780', P/U SHOOT 12 HOLES F/ 6693' - 96', P/U SHOOT 12 HOLES F/ 6664' - 67', P/U SHOOT 12 HOLES F/ 6606' - 09', POOH, BRK DWN PERF'S @ 2857#, EST INJ RT @ 51.3 BPM @ 3150#, ISIP 1390#, FG .65, TREAT STG 6 W/ 61660# SAND, (TAILED IN W/ 5000# TRC SAND) W/ SLK WTR. TOT CL FL 1679 BLS. ISIP 2177#, NPI 787#, FG .77

#### 05/08/07

#### PERF AND FRAC

Davs On Completion: 7

Remarks: 7:00 a.m. HSM CONT TO FRAC

STG 7: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 5990', P/U SHOOT 20 HOLES F/ 5955' - 60', P/U SHOOT 9 HOLES F/ 5835' - 38' (3 SPF), P/U SHOOT 12 HOLES F/ 5758' - 5761', POOH. BRK DWN PERF'S @ 2177#, EST INJ RT @ 50.5 BPM @ 3500#, ISIP 1200#, FG .65, TREAT STG 7 W/ 18450# SAND, TAILED IN W/ 6000# TRC. W/ SLK WTR. TOT CL FL 660 BBLS. ISIP 2014#, NPI 814#, FG .79 P/U 4 1/2" BAK 8K CBP & RIH. SET KILL PLUG @ 5708', POOH, RDMO CUTTERS. RDMO WEATHERFORD. ND FRAC VLV'S, NU BOPE. P/U 3 7/8" SMITH BIT, POBS & RIH ON TBG. TAG KILL PLUG @ 5708', R/U DRL EQUIP. R/U PMP & LINES, BRK CONV CIRC & BEG TO DRL.DRL OUT KILL PLUG IN 10 MIN. (100# PSI INC). CONT TO RIH, TAG FILL @ 5870', (30' FILL). C/O TO 2ND CBP @ 5990'.DRL UP 2ND CBP IN 9 MIN. (100# PSI INC). CONT TO RIH. TAG FILL @ 6780', (30' FILL). C/O TO 3RD CBP @ 6810'. CONT TO RIH W/ 2 JTS. EOT @ 6872'. CIRC WELL CLEAN. SWI. SDFN

#### 05/09/07

#### **DRLG CBP&LAND TBG**

Days On Completion: 8

Remarks: 7:00 AM HSM. SICP 750 PSI. START FLOWING WELL OUT CASING. RIH TAG PLG 4 @ 7,227' C/O 30' OF SAND DRL PLG IN 10 MIN 100 PSI INCREASE RIH TAG PLG 5 @ 7,521' C/O 30' OF SAND DRL PLG IN 10 MIN 100 PSI INCREASE RIH TAG PLG 6 @ 8,314' C/O 30' OF SAND DRL PLG IN 10 MIN 150 PSI INCREASE RIH TAG PLG 7 @ 8,453' C/O 30' OF SAND DRL PLG IN 10 MIN 100 PSI INCREASE RIH C/O 20' OF SAND PBTD @ 8,736'. CIRC WELL CLEAN. RD PWR SWVL. POOH LD 38 JTS OF 2 3/8" J-55 4.7# TBG.LAND TBG W/ 256 JTS OF 2 3/8" J-55 4.7# TBG. EOT @ 7,611.50' ND BOP'S NU WELL HEAD. DROP BALL TO SHEAR OFF BIT. PUMPED OFF BIT @ 1,500 PSI. HOOK UP FLOW LINE. TURN WELL OVER TO FLOW TESTERS. RDMO

TLTR 7,450 BBLS RIG REC 1,020 BBLS LTR 6,430 BBLS

05/10/07

FLOW BACK REPORT: CP: 2300#, TP: 1350#, 45 BWPH, 20/64 CHK, BBLS REC'D: 2395, LLTR: 4035

05/11/07

WELL WENT ON SALES: @ 9:00 AM, 1600 MCF, 1350 TBG, 2400 CSG, 20/64 CK, 45 BBWH FLOW BACK REPORT: CP: 2050#, TP: 1350#, 35 BWPH, 20/64 CHK, BBLS REC'D: 3280, LLTR: 3150

LLTR: 2578	
05/13/07 ON SALES: 2222 MCF, 0 BC, 480 BW, TP: 1774#, CP: 2100#, 14/64 CHK, 24 HRS, LP: 88#.	
<b>ON SALES:</b> 1605 MCF, 0 BC, 480 BW, TP: 1658#, CP: 2103#, 14/64 CHK, 24 HRS, LP: 88#.	
<b>ON SALES:</b> 1518 MCF, 0 BC, 480 BW, TP: 1649#, CP: 2986#, 14/64 CHK, 24 HRS, LP: 73#.	
<b>ON SALES:</b> 1600 MCF, 0 BC, 200 BW, TP: 1664#, CP: 2032#, 14/64 CHK, 24 HRS, LP: 90#.	
05/17/07 ON SALES: 1753 MCF, 0 BC, 200 BW, TP: 1685#, CP: 1989#, 14/64 CHK, 24 HRS, LP: 89#.	
05/18/07 ON SALES: 1787 MCF, 0 BC, 195 BW, TP: 1657#, CP: 1954#, 14/64 CHK, 24 HRS, LP: 91#.	
05/19/07 ON SALES: 1798 MCF, 0 BC, 195 BW, TP: 1629#, CP: 1921#, 14/64 CHK, 24 HRS, LP: 84#.	

Form 3160-4 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

	WEI	L CO	MPLE	ETIO	N OR R	ECOMP	LETION RE	PORT	AND L	OG		1	Lease Seria -013256		· · · · · · · · · · · · · · · · · · ·	
la. Type of		Oil V				Dry	Other		D 1.	Diff.	D		If Indian, A		r Tribe N	ame
b. Type of	Completion	:	Other		, r	Work Over	☐ Deepen	Pli	ug Back	☐ DIII.	Kesvr.		Unit or CA	-		
2. Name of	Operator			-						···········			<u>r #8910</u>			UNII
	-		۸e	MICL	IODE I	D							Lease Nam		_	
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	OUTH 12						0 h Federal requi		)-781-70   *	24		<del> </del> 4304	1735858	3		
i. Location At surface	oi well (Ke	port toca				FNL, 165		ir ements,	,				Field and I		_	ry
			,									11.	Sec., T., R	., M., or l	Block an	d
At top prod	. interval rep	ported bel	ow									1	County or		SEC. 30	13. State
At total dep								1				UIN.		(DE DI	D DT C	UTAH
4. Date S	pudded		- 1		te T.D. Re	eached		16. Dat	te Complete D & A	ed Read	v to Prod.	17.	Elevations	S (DF, KK	.в, кт, с	ıL)*
01/03/07 8. Total D		<u> </u>	878	03/22		ug Back T.I	D.: MD	05/11 8736	1/07				Plug Set:	MD		
o. Iulai L	TV		070	U	12. 1	ing Duck 1	TVD	07.00					_	TVD		
1. Type E	lectric & Ot	her Mech	anical	Logs I	Run (Subn	nit copy of e	ach)			22. Was	well cored	1? 🔯 1	40	Yes (Sub		
											DST run?			Yes (Sub		
CBL-CC	L-GR									Direc	ctional Sur	vey? 12	No No	☐ Yes (	Submit c	opy)
	and Liner R	ecord (R	eport o	all strii	igs set in	well)										
	Size/Grade		Ī		(MD)	Bottom (N	1D) Stage Ce Dep		Type of	Sks. & Cement	Slurry V (BBL)		Cement 7	Гор*	Amo	unt Pulled
20"	14"	36.7	#			40'				SX						
12 1/4"	9 5/8"	32.3	#			1860				SX			<u></u>			
7 7/8"	4 1/2"	11.6	#			8780	·		1730	SX						
						L			<u></u>							
4. Tubing	<del>,                                     </del>		T		. 1		- I - I - I	. (2.02)	l	4.0.00			Domth	Cat (MD)	Dool	cer Set (MD)
Size	Depth Se		Packe	er Dept	h (MD)	Size	Depth Se	t (MD)	Packer De	eptn (MD)	Siz	ze	Depth	Set (MD	Paci	(ci sei (MD)
2 3/8"	761	2'									<del> </del>					
	<u> </u>						26. Perfo	ration D	Pecord		<u> </u>					
5. Produc	ing Intervals		—-г			Dotton		rforated			Size	T No	o. Holes	1	Perf. St	atus
	Formation		_		<sub>Гор</sub> 758'	Botton 5960		758'-5			0.36	41 OPEN				
N 4	WASATC ESAVER	-			306'	8688		606'-8			0.36			OPE		
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C) O)	······································		$\dashv$	_					-							
	racture, Tre	atment C	ement	Squee	ze. Etc.	t						_k		•		
	Depth Inter		1						Amount ar	nd type of l	Material		F	REC	EIVE	D
	5758'-596		F	PMP	660 BE	BLS SLIC	K H2O & 1	8,450	# 30/50	SD						
	606'-868		<del> </del>	PMP	6790 E	BLS SLI	CK H2O &	232,3	20# 30/5	50 SD				JUN (	1 5 200	)7
			$\neg$										DIV. (	OF OIL	GAS&	MINING
8. Produc	tion - Interv	al A														
Date First	Test	Hours	Test		Dil	Gas	Water	Oil Gra	-	Gas		Produ	ction Method	i		
	Date	Tested	Produc	ction E	BBL	MCF	ввь 480	Corr. A	PI	Gravity			FLOV	VS FR	OM W	=11
	05/13/07	24 Csg.	24 Hr.		O Dil	2,222 Gas	Water	Oil Gra	vity	Well Statu	s	.ـــــــــــ			• • •	
ize	Tbg. Press. Flwg. 1774#		Rate	i i	BBL	MCF	BBL	Corr. A	-	1		<b>-</b>	101110	~ ^ ^ · · ·		
	SI	2100#		<u>➤</u>	0	2222	480	<u> </u>		<u> </u>	P	KODI	JCING (	JAS W	ELL	
8a. Produ	ction - Inter	val B					r::::	Iou -	•	To-		D 3	ation Mathe	4		
Date First		Hours	Test	l l	Dil BBL	Gas MCF	Water BBL	Oil Gra Corr. A	•	Gas Gravity		Produ	ction Method	ı		
roduced 05/11/07	Date 05/13/07	Tested 24	Produc	> It	звг 0	2222	480	"					FLOV	VS FR	W MC	ELL
Choke		Csg.	24 Hr.	<del>-</del>	Dil	Gas	Water	Oil Gra	-	Well Statu	s	<u> </u>				
Size	Flwg. 1774#	Press.	Rate	. I	BBL	MCF	BBL	Corr. A	lq.		ום	ם∪ח	JCING (	346 /W	FII	
14/64	SI	2100#	l	<del>&gt;</del> │	0	2222	480	1			<u> </u>	KOD	SCHAG (	UNU VV	<u> </u>	

28b. Pro	duction - Inte	erval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Well Status		
28c. Pro	duction - Inte	erval D	<u> </u>	<u> </u>							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status			
SOLD	osition of Ga				1			21 Formatic	on (Log) Markers		
	mary of Poro							31. Politiano	on (Log) warkers		
tests	w all important , including de recoveries.	nt zones of epth interva	porosity and il tested, cus	d contents the	ereof: Core	d intervals and	d all drill-stem shut-in pressures				
Fo	rmation	Тор	Bottom		Descri	otions, Conten	ts, etc.		Name	Top Meas. Depth	
WASA MESA	TCH VERDE	4114' 6599'	6599'								
32. Add	itional remar	ks (include	plugging p	rocedure):					REC	EIVED	
									JUN (	5 2007	
									DIV. OF OIL,	GAS & MINING	
1. I	ele enclosed a Electrical/Me Sundry Notice	chanical Lo	ogs (1 full se	et req'd.) ent verificat		. Geologic Re	•	OST Report Other:	4. Directional Survey		
36. I her	eby certify th	at the fores	going and at	tached infor	mation is co	mplete and cor	rect as determined	l from all available	e records (see attached ins	tructions)*	
	e (please pri		ILA UPC				Title		LAND ADMIN SPE		
	ature	Mill	WI	Mh			Date	5/30/200	)7		
	U.S.C. Section	on 1001 and	Title 43 U.S	S.C. Section	1212, make i	t a crime for ar	ıy person knowingl	y and willfully to r	nake to any department or a	agency of the United	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 212, make it a crime for any person knowings, and windary to make it a crime for any person knowings, and a crime for a crime for any person knowings, and a crime for any person knowings, and a crime for a cr